

Converting Colors

YIQ(196.5470, 31.5920,
-10.8720)

Have a look what the booklet for
YIQ(196.5470, 31.5920, -10.8720)
contains.

YIQ(196.5470, 31.5920, -10.8720)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(196.5470, 31.5920,
-10.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC38F
RGB	220, 195, 143
RGB Percent	86%, 76%, 56%
CMY	0.1372, 0.2353, 0.4390
CMYK	0.00, 0.11, 0.35, 0.14
HSL	40°, 52%, 71%
HSV	41°, 35%, 86%
XYZ	53.9911, 56.2266, 34.0106
YIQ	196.5470, 31.5920, -10.8720

Conversions

Conversions Part 2

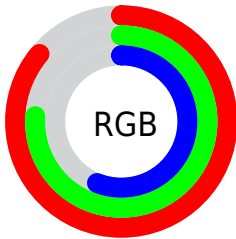
Format	Color
R _Y B	180, 220, 143
Decimal	14467983
CIE Lab	79.74, 1.41, 29.37
CIE LCh	80, 29.407, 87.253
Yxy	56.2266, 0.3743, 0.3898
Android (android.graphics.Color)	4292658063 (0xFFDCC38F)
YUV	196.5470, -26.3987, 20.5683
Hunter-Lab	74.9844, -2.6971, 25.5970

Details

The YIQ color $196.5470, 31.5920, -10.8720$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $166.4530, -31.5920, 10.8720$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.0400, 19.7180, -15.9460$, and $142.2910, 29.4370, -10.3630$ is the 20% darker color. If you saturate the color by 10%, you get $189.9300, 40.5790, -14.0530$, and if you desaturate by 10%, it is $203.1640, 22.6050, -7.6910$.

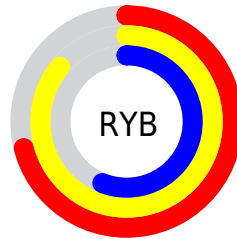
Distribution



Red (86%)

Green (76%)

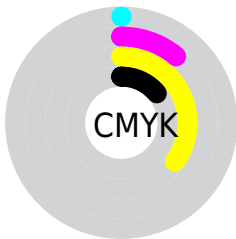
Blue (56%)



Red (71%)

Yellow (86%)

Blue (56%)

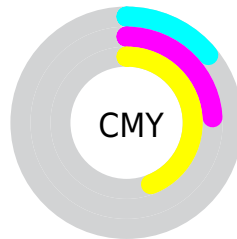


Cyan (0%)

Magenta (11%)

Yellow (35%)

Black (14%)



Cyan (14%)

Magenta (24%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.5470, 31.5920, -10.8720 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 196.5470, 31.5920, -10.8720 by changing the saturation by 10% instead.

■ 196.5470, 31.5920,
-10.8720

■ 196.5470, 31.5920,
-10.8720

255.0000, -0.0000,
-0.0000

■ 169.3620, 30.6750,
-10.7730

■ 246.0400, 19.7180,
-15.9460

■ 142.2910, 29.4370,
-10.3630

■ 251.5800, 9.6300,
-9.3300

■ 116.8070, 27.9240,
-10.4760

254.8860, 0.3210,
-0.3110

■ 92.0240, 25.8150,
-10.8010

■ 67.8390, 24.8980,
-10.7020

■ 45.2410, 23.7060,
-11.1260

■ 26.3250, 14.9020,

-5.7540

■ 0.2990, 0.5960,
0.2120

■ 0.0000, 0.0000,
0.0000

■ 196.5470, 31.5920,
-10.8720

■ 196.5470, 31.5920,
-10.8720

■ 189.9300, 40.5790,
-14.0530

■ 203.1640, 22.6050,
-7.6910

■ 183.3130, 49.5660,
-17.2340

■ 209.7810, 13.6180,
-4.5100

■ 176.6960, 58.5530,
-20.4150

■ 216.3980, 4.6310,
-1.3290

■ 169.4920, 67.8150,
-23.0730

■ 223.6020, -4.6310,
1.3290

■ 162.8750, 76.8020,
-26.2540

■ 230.2190,
-13.6180, 4.5100

■ 156.2580, 85.7890,
-29.4350

■ 234.5560,
-16.1850, 1.4710

■ 153.2430, 90.1450,
-31.2870

■ 238.6650,
-18.1100, -2.1900

■ 242.7740,
-20.0350, -5.8510

■ 244.5350,
-20.8600, -7.4200

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



198.9820, 43.9690, 1.6090



196.5470, 31.5920, -10.8720



193.7290, 10.2280, -20.1720

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



196.5470, 31.5920, -10.8720



184.1370, -61.0220, -17.4540



202.4820, 14.1630, 24.1710

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



196.5470, 31.5920, -10.8720



166.4530, -31.5920, 10.8720

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



199.6620, -12.8870, 18.8010



196.5470, 31.5920, -10.8720



187.7710, -59.5110, -6.2870

Square

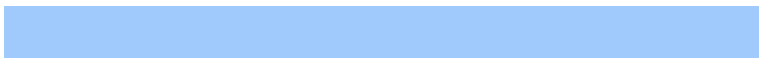
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



196.5470, 31.5920, -10.8720



186.3160, -42.7730, -23.2930



194.5550, -40.8070, 7.1690



201.8510, 34.9330, 22.2050

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



196.5470, 31.5920, -10.8720



191.1660, -7.2400, -22.9840



194.5550, -40.8070, 7.1690



201.4640, 5.4060, 23.1820

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



196.5470, 31.5920, -10.8720



247.4540, 10.2250, -3.5910



168.9870, 37.5460, 24.4100



123.2410, 6.5110, -2.3610



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



196.5470, 31.5920, -10.8720



222.2570, 43.9720, -14.9720



207.3350, 16.9690, -26.7030



106.3980, 4.6310, -1.3290



120.4060, 70.9330, -24.5150



31.9510, 18.8910, -6.4610

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



166.4530, -31.5920, 10.8720



180.7430, -43.9720, 14.9720



155.6650, -16.9690, 26.7030



102.0150, -4.3560, 1.8520



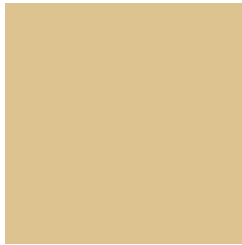
52.5940, -70.9330, 24.5150



14.0490, -18.8910, 6.4610

Previews

White Background



This preview shows how the YIQ color 196.5470, 31.5920, -10.8720 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 196.5470, 31.5920, -10.8720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

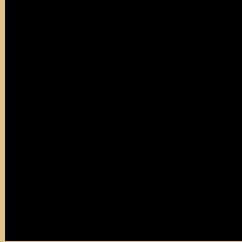
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 196.5470, 31.5920, -10.8720

Background



This preview shows how black text looks on a background with the YIQ color 196.5470, 31.5920, -10.8720.



This preview shows how white text looks on a background with the YIQ color 196.5470, 31.5920, -10.8720.

-10.8720.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

196.5470, 31.5920, -10.8720

Protanopia

196.3290, 26.2740, -13.6140

Deuteranopia

197.3250, 41.2650, -4.4550



Tritanopia

200.6700, 19.0250, 13.1450

Trichromacy



Original Color

196.5470, 31.5920, -10.8720

Protanomaly

196.6390, 28.3370, -12.4550

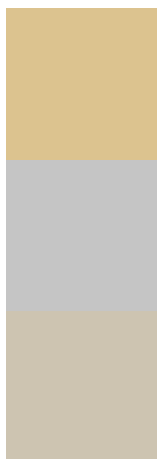
Deuteranomaly

197.0040, 37.7350, -6.5610

Tritanomaly

199.1400, 23.1530, 4.4090

Monochromacy



Original Color

196.5470, 31.5920, -10.8720

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.5250, 11.4630, -4.0010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.5470, 31.5920, -10.8720 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(220, 195, 143)` looks like.

```
.text, #text, p{  
    color:rgb(220, 195, 143)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(220, 195, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 195, 143) }
```

Border

The CSS property to change the border of an element to YIQ 196.5470, 31.5920, -10.8720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 195, 143) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(220, 195, 143) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(220, 195, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 195, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 195, 143);  
box-shadow:4px 4px 4px 4px rgb(220, 195,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 196.5470, 31.5920, -10.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 195, 143) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(220,  
195, 143) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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